MULTI-STATE STATUS REPORTING FOR HIGH-AVAILABILITY CLUSTER NODES

ABSTRACT OF THE DISCLOSURE

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One embodiment disclosed relates to a node system of a high-availability cluster. The node system includes at least a first register and an output port. The first register stores multi-state status data of the node, and the output port sends signals representing this multi-state status data. The multi-

10 state status data includes at least one degraded state. The node system may also include a second register and an input port. The input port receives signals representing the multi-state status data of another node. The second stores this multi-state status data from the other node. Another embodiment disclosed relates to a method of status reporting for a node of a cluster. A set of rules is

15 applied to determine current multi-state status of the node. The states of the multi-state status including a good state, a bad state, and at least one degraded state.